Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 10 Feb 2023 until 23:59 on Saturday 11 Feb 2023

Forecast Issued on Friday 10 Feb 2023 at 04:25

Confidence: High confidence for mainly settled conditions with high pressure building over much of the country but lower confidence in cloud amount details and formation of any mist and fog.

Headline for Friday 10 Feb 2023: A dull day with mist and drizzle at times, perhaps the odd brighter spell in the east.

Mountain weather hazards on Friday 10 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
	MIST	MIST			FOG
Cloudy	Mist	Mist	Cloudy	Cloudy	Fog
Precipitation probability					
10%	60%	40%	20%	20%	20%

Forecast for Friday 10 Feb 2023

Weather: Mainly high level cloud will begin to thicken and lower around dawn with some mist, drizzle and patchy light rain through the morning. Rain and drizzle tending to clear in the afternoon but remaining quite cloudy with some mist. The best chance of any brightness will be over in the east towards Bakewell in the afternoon. Mist becoming more widespread again in the evening period.

Chance of cloud-free hill tops above 600m: 50% falling to 20% in the morning, improving to 50% in the afternoon

Low cloud and visibility: Patchy low cloud above 500m around dawn, cloud will thicken and lower as rain and drizzle spreads in, cloud becoming broken or extensive above 400m during the morning with poor visibility beneath in rain, mist and drizzle. There will be an improvement in the afternoon with cloud becoming more scattered above 500m and visibility becoming moderate or good, possibly becoming poor again in the evening as widespread mist and possibly fog reforms.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Friday 10 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/34 SW	23/28 SW	27/33 SW	26/33 W	27/34 W	30/39 W	29/39 W
300	14/22 SW	15/21 SW	18/25 SW	17/24 W	18/26 W	18/28 W	18/28 W
Valley	6/21 SW	6/18 SW	8/22 SW	10/23 W	11/24 W	12/27 W	12/27 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-8	0/-7	2/-4	5/-1	6/-0	5/-2	4/-2
300	1/-4	2/-3	4/-1	7/3	7/3	7/3	7/2
Valley	1/-2	2/-1	4/1	7/4	8/4	7/4	7/4
Freezing Level*	400m	900m	2000m	1600m	1400m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Quite breezy at height with strong gusts during the afternoon or evening. A significant windchill early in the day and in rain and drizzle and fresh winds, this will ease in the afternoon as freezing levels lift and rain eases.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 10 Feb 2023	0.2mm	0.4mm	0.6mm

Forecast for Saturday 11 Feb 2023

Weather: A cloudy start to the day with some mist and fog patches but cloud tending to lift and clear by late morning with a few bright or sunny spells later. Mainly dry throughout.

Maximum wind: Westerly 20mph gusts 30mph decreasing during the day to 10-15mph by mid afternoon

Chance of cloud-free hill tops above 600m: 50% in the morning with scattered low cloud, improving to 80% in the afternoon.

Low cloud and visibility: Scattered low cloud above 500m around the hills in the morning with mainly good visibility below, except where mist or fog has formed where visibility will fall poor or very poor for a time. Cloud will become patchy in the afternoon, mainly restricted to the hills above 500m with good visibility below the cloud.

Temperature: **Valleys:** Plus 8 Celsius.
At 600m: Plus 5 Celsius.
Freezing level: Above all summits.

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